

METHODS FOR IMPROVING CONTRAST BASED DYNAMIC RANGE MANAGEMENT

Abstract of Disclosure

A method for compressing an intensity dynamic range of an input image to a reduced intensity dynamic range of an image display device includes defining a plurality of units of the input image, determining a local mean estimate of an intensity of each of the plurality of units of the input image, generating a contrast modification processing value for each local mean estimate, and generating an output intensity value, for each local mean estimate, by using only the generated contrast modification processing value and an input intensity value.

Figures